HSE Introduction – Umoe Mandal

Basic health, safety and working environment principles



Photo: Lindesnes Avis

Welcome

UMOE aims for zero injuries at work and for everyone to return home safely every day. To achieve this, all employees and visitors must share a common understanding of health, safety and the working environment at our workplace.

Stop unsafe work

Everyone has the right and duty to stop work perceived as dangerous or unsafe until the situation has been clarified

Risk assessment and planning

1. All work activities involving risk must be planned and risk-assessed before starting to reduce hazards
2. Working with chemicals requires knowledge of the chemicals used and access to safety data sheets (SDS) at the work site
3. Use of UM tools and equipment requires documented training before use – see procedure BAS.AH.04

Bruk av verneutstyr

Umoe requires personal protective equipment to be used as specified; see procedure BAS.AH.00

Incident reporting

Everyone has the right and duty to report unwanted incidents in Umoe's digital reporting system, "UM IMPROVE"



Access to production areas



Watch your step everuwhere. Trip hazards are present throughout the site, as is the risk of getting caught on railings, ladders, etc



Use designated walkways where available



Photography is prohibited throughout the facility unless specifically authorised by the Security Manager



Smoking is permitted only in designated outdoor areas



When entering a new area, locate the emergency exits.

Visitors must remain close to their guide/contact person at all times

Helmet colour codes

Visitor



Employee



Safety representative



Medic



Industrial emergency response team



Loaner employees





Red/white = no entry

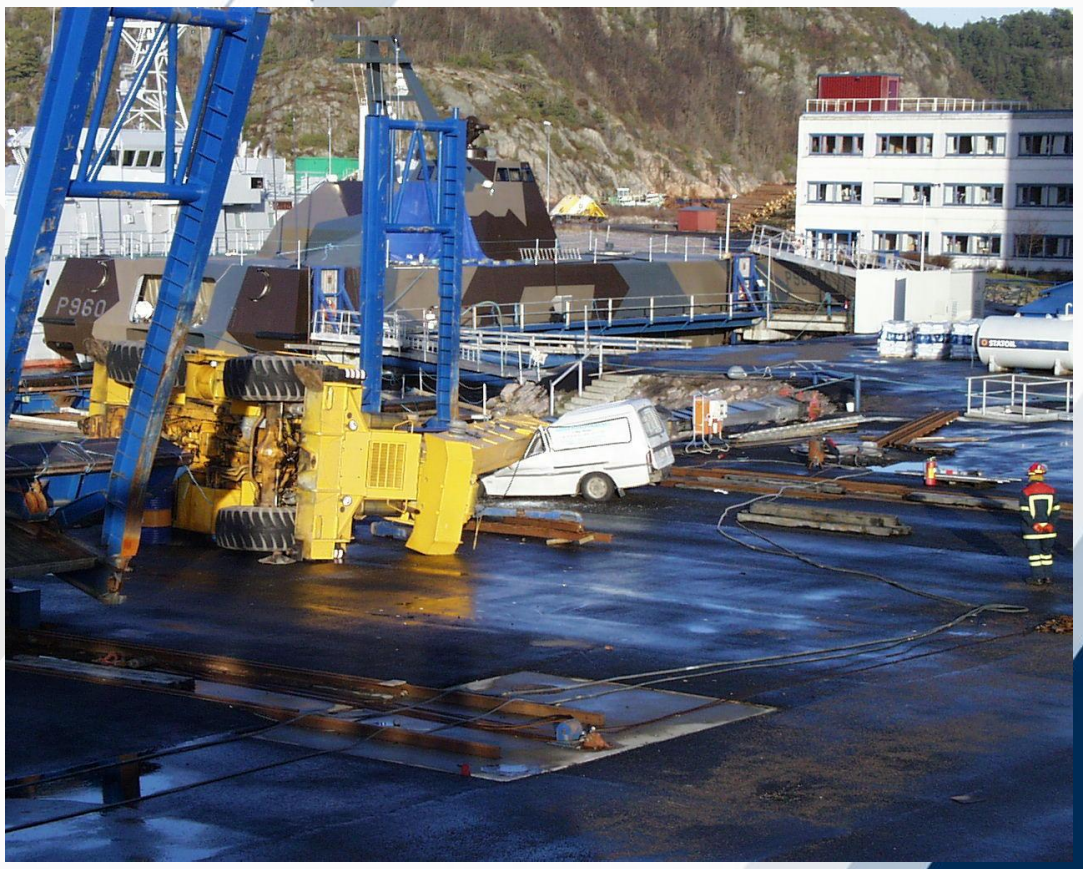


Yellow/black = obstacles and hazardous areas

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⚠️ Safety hazards ⚠️

- 🧪 Exposure to chemicals
- 🚧 Open manholes and obstacles on quays, aboard vessels and in production areas
- 🏗️ Transport and handling of loads using cranes, forklifts and tractors, indoors and outdoors
- 🛠️ Sparks and particles from power tools and machinery
- 🔥 Fire
- 🪜 Working at height – be aware of activities on scaffolds and ladders



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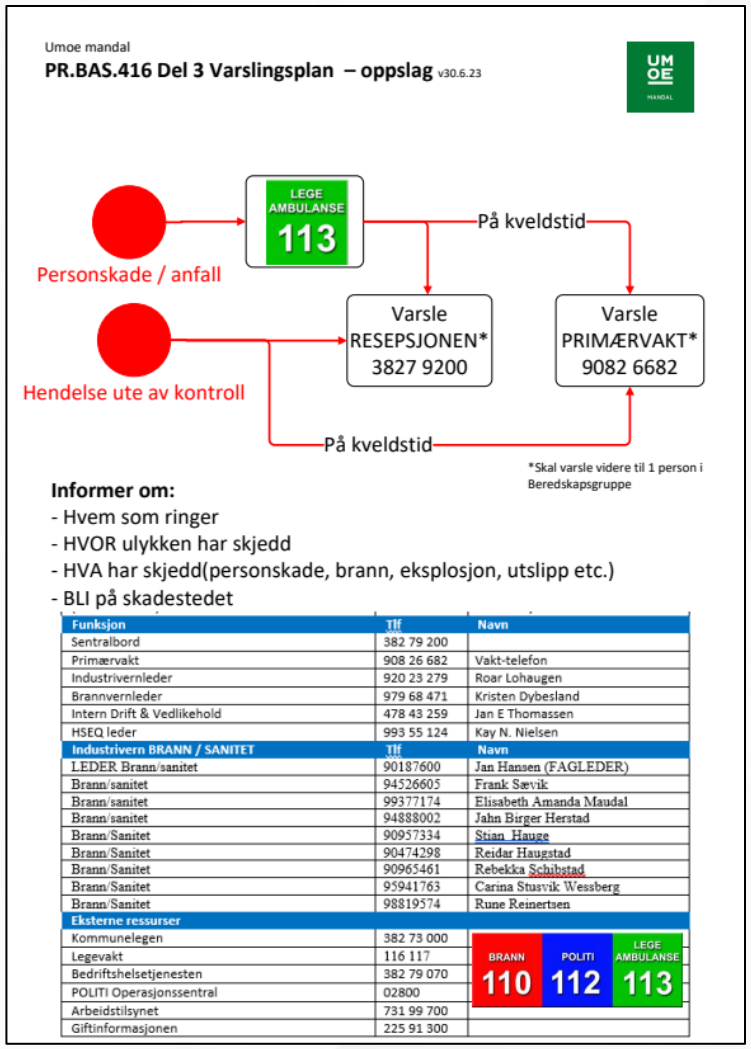
Evacuation and emergency notification



Photo: Fædrelandsvennen

Emergency notification and evacuation plan

- The emergency notification and evacuation plan is posted at key locations



Umoe mandal

PR.BAS.416 Del 3 Varslingsplan – oppslag v30.6.23

Informer om:

- Hvem som ringer
- HVOR ulykken har skjedd
- HVA har skjedd(personskade, brann, eksplosjon, utslipp etc.)
- BLI på skadestedet

Funksjon	Tlf	Navn
Sentralbord	382 79 200	
Primærvakt	908 26 682	Vakt-telefon
Industrivernleder	920 23 279	Roar Lohaugen
Brannvernleder	979 68 471	Kristen Dybesland
Intern Drift & Vedlikehold	478 43 259	Jan E Thomassen
HSEQ leder	993 55 124	Kay N. Nielsen
Industrivern BRANN / SANITET	**Tlf**	**Navn**
LEDER Brann/sanitet	90187600	Jan Hansen (FAGLEDER)
Brann/sanitet	94526605	Frank Sævik
Brann/sanitet	99377174	Elisabeth Amanda Maudal
Brann/sanitet	94888002	Jahn Birger Herstad
Brann/Sanitet	90957334	Stian Hauge
Brann/Sanitet	90474298	Reidar Haugstad
Brann/Sanitet	90965461	Rebekka Schibstad
Brann/Sanitet	95941763	Carina Stusvik Wessberg
Brann/Sanitet	98819574	Rune Reinertsen
Eksterne ressurser		
Kommunelegen	382 73 000	
Legevakt	116 117	
Bedriftshelsetjenesten	382 79 070	
POLITI Operasjonssentral	02800	
Arbeidstilsynet	731 99 700	
Giftinformasjonen	225 91 300	

BRANN 110 POLITI 112 LEGE AMBULANSE 113

Employees, temporary staff and contractors:
All entries and exits must be registered using a personal access card, including brief trips off and back onto the site.

Visitors:
All visitors must register at reception upon arrival

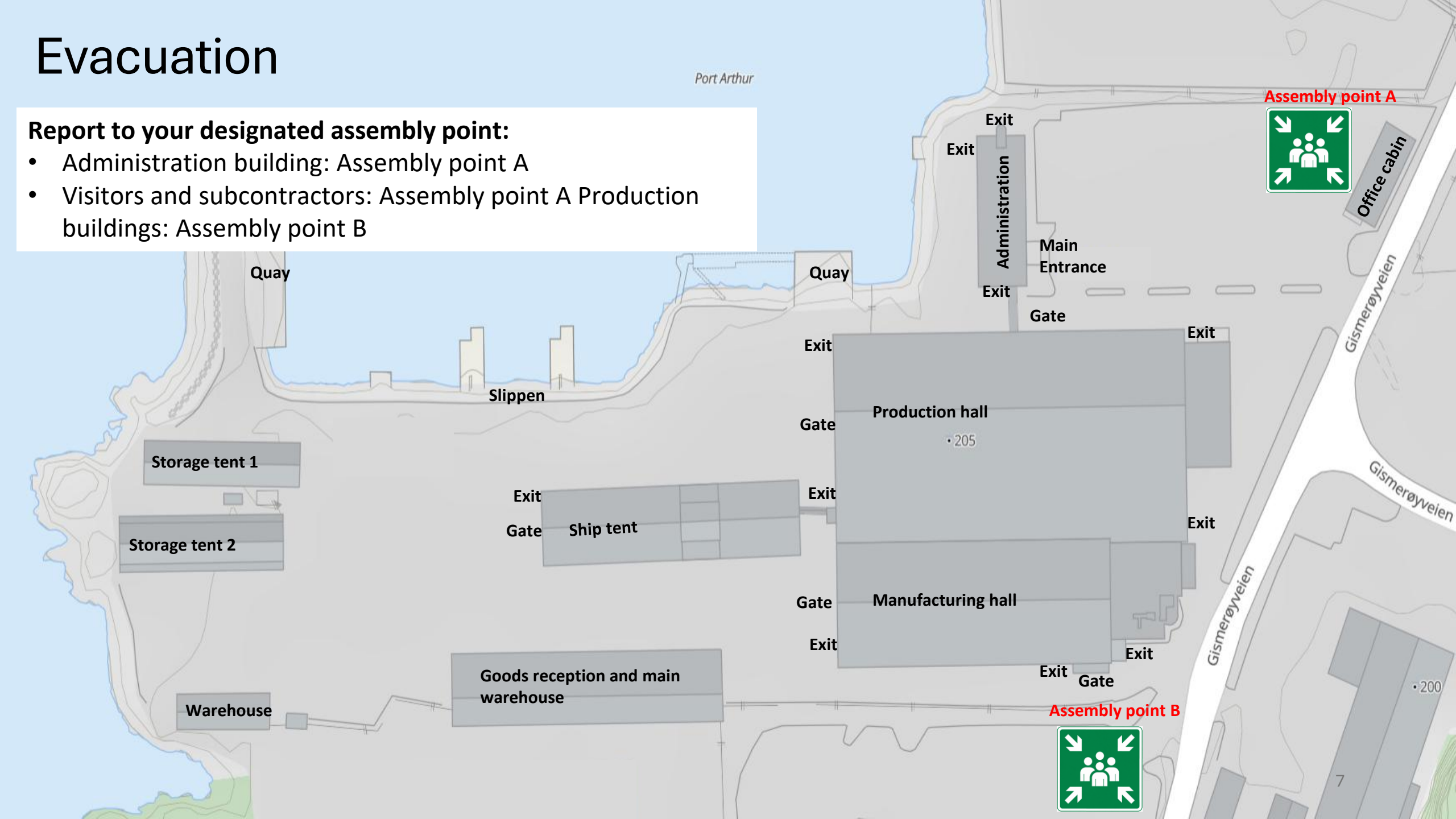
📢 *Fire alarm is tested monthly, on the first Friday at 12:00.*
No evacuation is required

Office alarm: - - - - multiple short signals
Production area alarm: ——— One long signal(Typhon)

Evacuation

Report to your designated assembly point:

- Administration building: Assembly point A
- Visitors and subcontractors: Assembly point A Production buildings: Assembly point B



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Risk and safe behaviour



Photo: Fædrelandsvennen

Working safely

⚠️ **General:**
Any work activity involving risk requires a risk assessment / Safe Job Analysis (SJA)

🧪 Working with chemicals requires knowledge of the substance and an SDS available in the work area – use HMSriskview.no

🛠️ Using hazardous tools/equipment requires training before use – see procedure BAS.AH.04
Using cranes, forklifts, tractors, etc. requires valid certification in addition to company authorisation

📋 Certain work activities requires a Permit-to-work BEFORE execution. A mandatory pre-job «toolbox talk» shall ensure that all involved personnel understand every safety aspect of the work activity:

- Scope of work
- Roles and responsibilities
- Risk
- Safety measures
- Conditions for Permit-to-work

Use checklist Form39: PRR (Production Readiness Review) if neither an SJA nor a permit to work is required



Activities requiring a Permit to work



Examples:

- Hot work (welding, cutting, burning and grinding that may generate sparks)
- Work on systems with stored energy (electrical / hydraulic / mechanical / compressed air)
- Work in tanks and/or confined spaces (access is restricted or limited, and; the space is large enough for a person to enter and perform tasks, and; it is not designed or intended for continuous occupancy)
- Diving
- Working at height (head height more than 2 m above ground level)
- Work in trenches or over water

Work involving special substances outside normal production:

- Hazardous
- Toxic
- Flammable
- Radioactive
- Explosive

Work activities on special systems:

- Hazard detection systems
- Alarm systems
- Fire protection systems

Business-critical operations

If you are unsure whether a permit to work is required, clarify with your supervisor!

Chemicals

Work involving chemicals (liquids) or generating dust or gas requires awareness and appropriate precautions BEFORE operations begin

SAFETY RULES

1. Always read the product information and SDS, and follow the instructions

   All safety data sheets are available at HMSriskview.no
2. Working with chemicals in tanks requires additional preparation and PPE – see BAS.AH.00
3. Always wear the required PPE
4. Do not inhale vapours, spray or dust
5. Avoid skin contact – if contact occurs, consult the relevant SDS for required actions
6. If contact with eyes or mouth occurs, consult the relevant SDS and seek medical assistance IMMEDIATELY!
7. ALWAYS wash your hands thoroughly before touching your face, eating, drinking or smoking





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PERSONAL PROTECTIVE EQUIPMENT

The right equipment – used correctly – every time!

Always use the required personal protective equipment for the specific task and working environment.
It protects you and your colleagues.



HELMET

A helmet must be worn in all production areas where there is a risk of falling objects.
Ref. to BAS.AH.00.

WORK CLOTHING

When exposed to active chemicals, protective clothing shall be worn.

GLOVES

Gloves suitable for the specific type of hazard in the work operation shall be used.
Guidance is provided in the relevant data sheets.

SAFETY FOOTWEAR

Safety footwear shall be used by everyone who actively participates in work operations in production and storage areas.

HEARING PROTECTION

Everyone is required to use hearing protection when working in or near noisy work operations, such as propellers or angle grinders.

EYE PROTECTION – SAFETY GLASSES

Eye protection shall be used for all work operations that may cause eye injury; e.g. when cutting, grinding, drilling, handling chemicals (painting, thinners, mould release agents, etc.).

RESPIRATORY PROTECTION

Full-face or half-face respirators with appropriate filters shall be used for all work involving hazardous substances such as welding fumes, spray painting or dust.
Follow guidance in product packaging, data sheets and filters.

ADAPT TO THE TASK

Always assess the risks in your work and use the required personal protective equipment.

- Follow requirements in work permits and procedures
- Discuss with your supervisor if in doubt
- Report deficiencies or damage
- Take care of your equipment and use it correctly

YOUR CHOICE EVERY DAY

Safety starts with you!

UM IMPROVE –

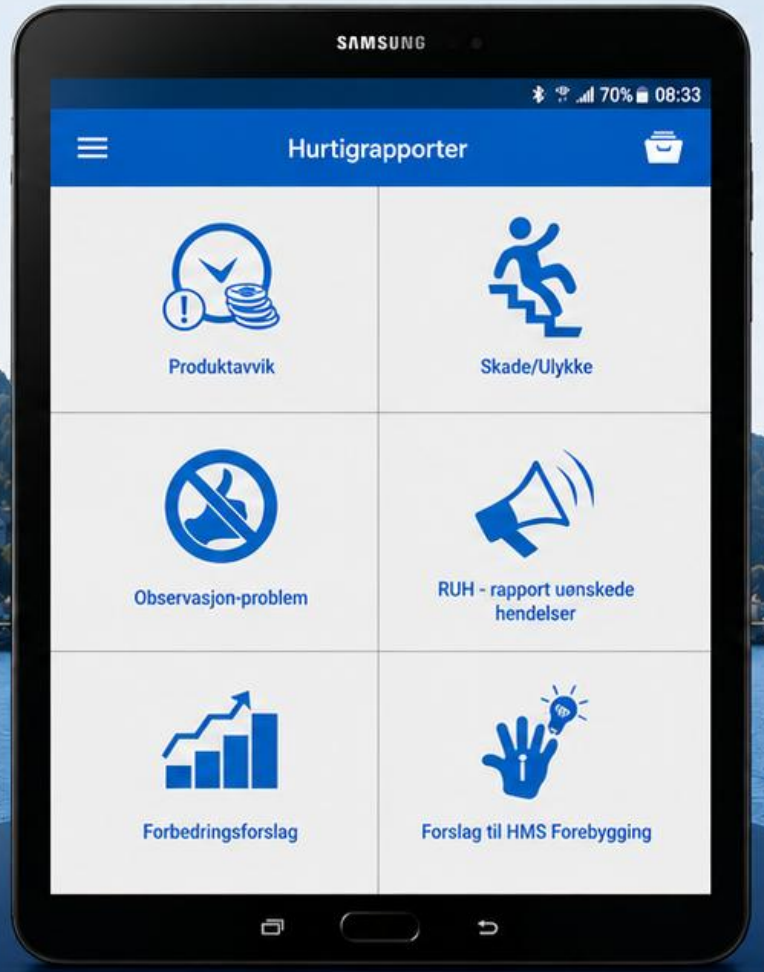
Platform for learning and improvement

- Easy reporting of nonconformities and improvement suggestions
- Sharing lessons learned across teams
- Data-driven decision-making
- Small improvements – big impact
- Together, we create a safer workplace



Download the “Umoe Mandal Improve” app to your phone.

Username: umhseq
Password: um1102



Tablet available in the production area.



